



PATENT #10  
4/20/04  
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PATENT AND TRADEMARK OFFICE

APPLICANT(S): Michael C. Park and Scott Wilson  
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TITLE: System and Method for Camera Calibration  
EXAMINER: Tung T. Vo  
GROUP ART UNIT: 2613  
ATTY. DKT. NO.: 23627-07484 (IMV-123-US)

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By: Michael W. Farn  
Michael W. Farn, Reg. No. 41,015

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LETTER TO THE CHIEF DRAFTSPERSON Technology Center 2600

SIR:

In response to the drawing informalities indicated on the Examiner's Notice Regarding Patent Drawings for the above-entitled patent application, please substitute the enclosed 10 sheets of formal drawings containing Figures 1 through 7 for the 11 sheets of drawings containing Figures 1 through 7 previously submitted.

Respectfully submitted,  
MICHAEL C. PARK et al.

Dated: April 12, 2004

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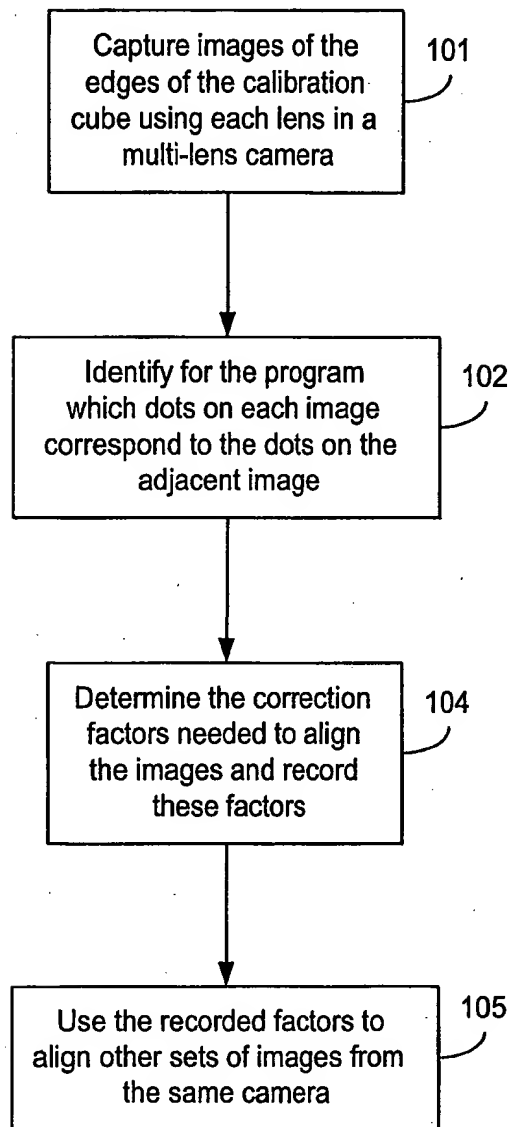


FIG. 1



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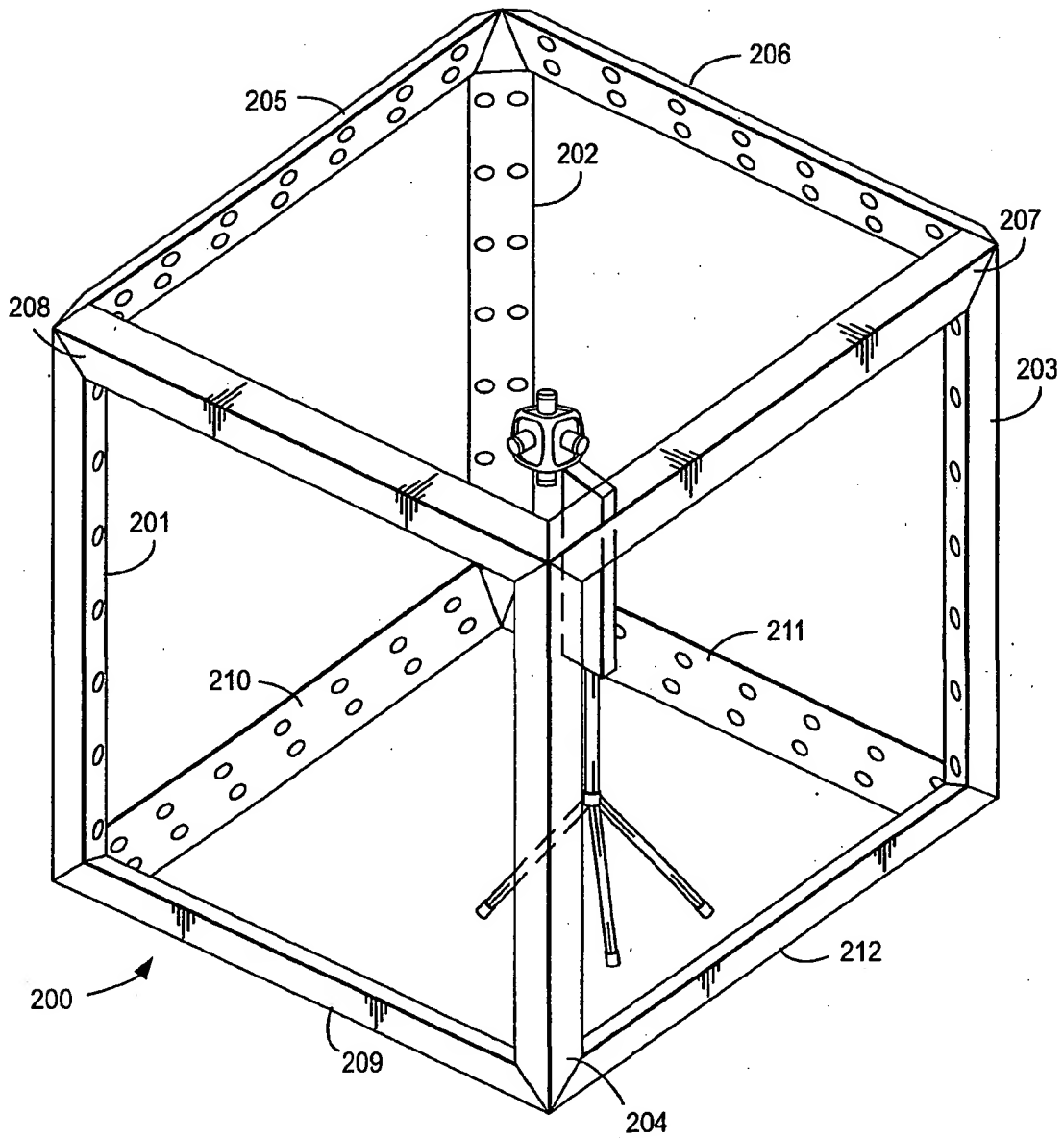


FIG. 2A



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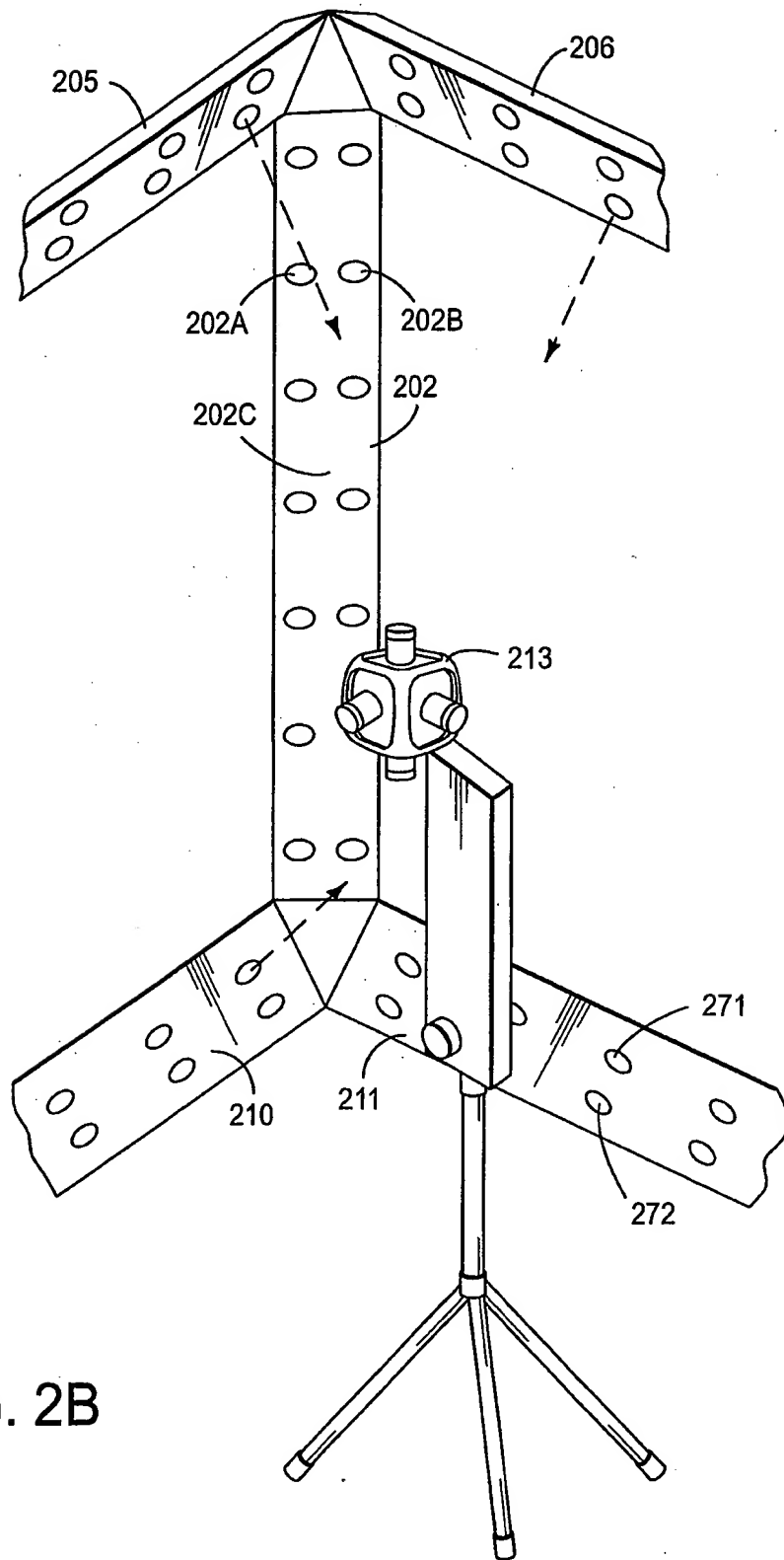


FIG. 2B



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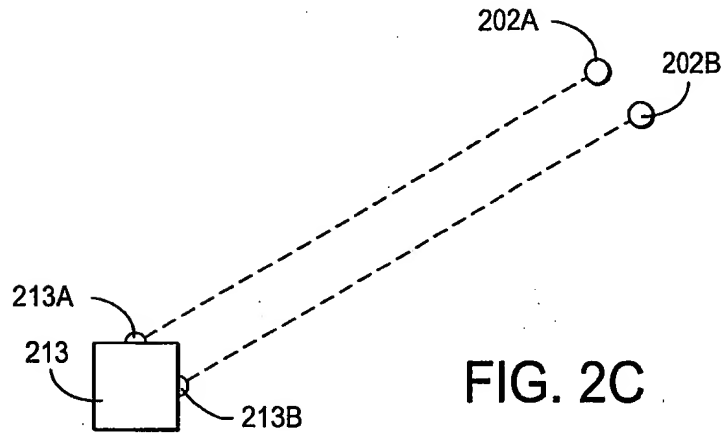


FIG. 2C

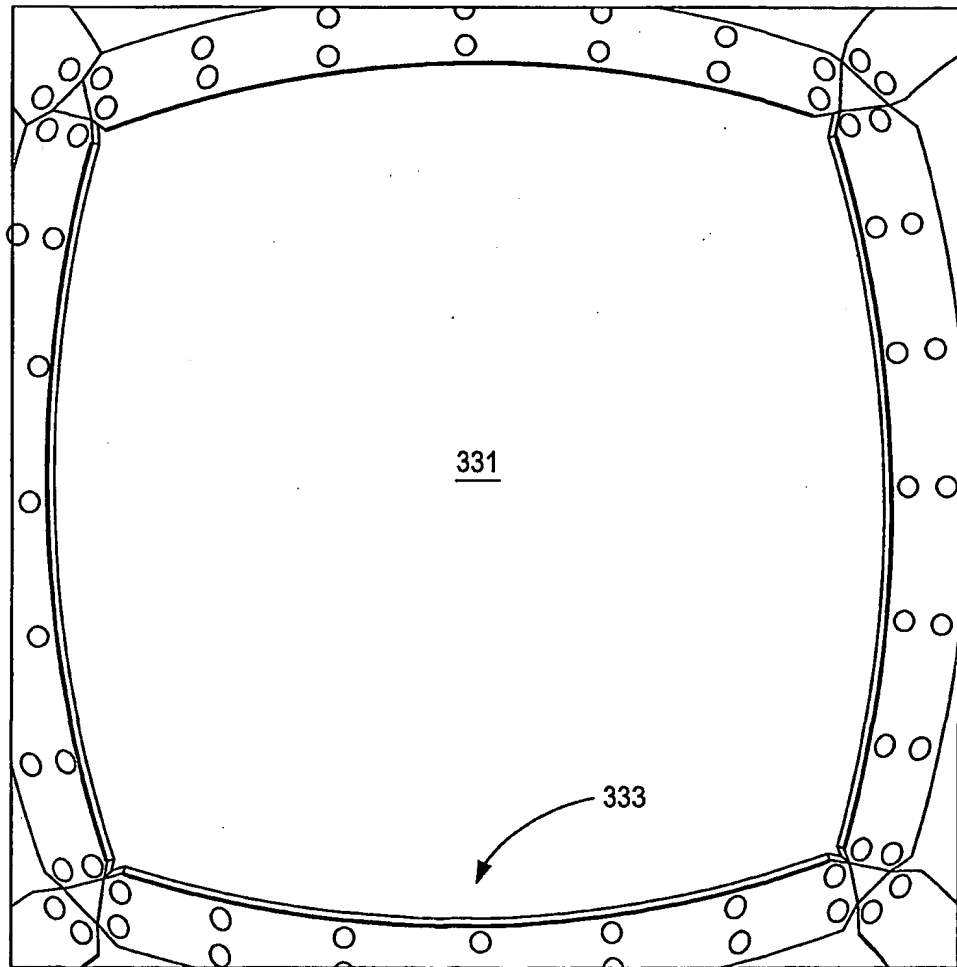


FIG. 3A



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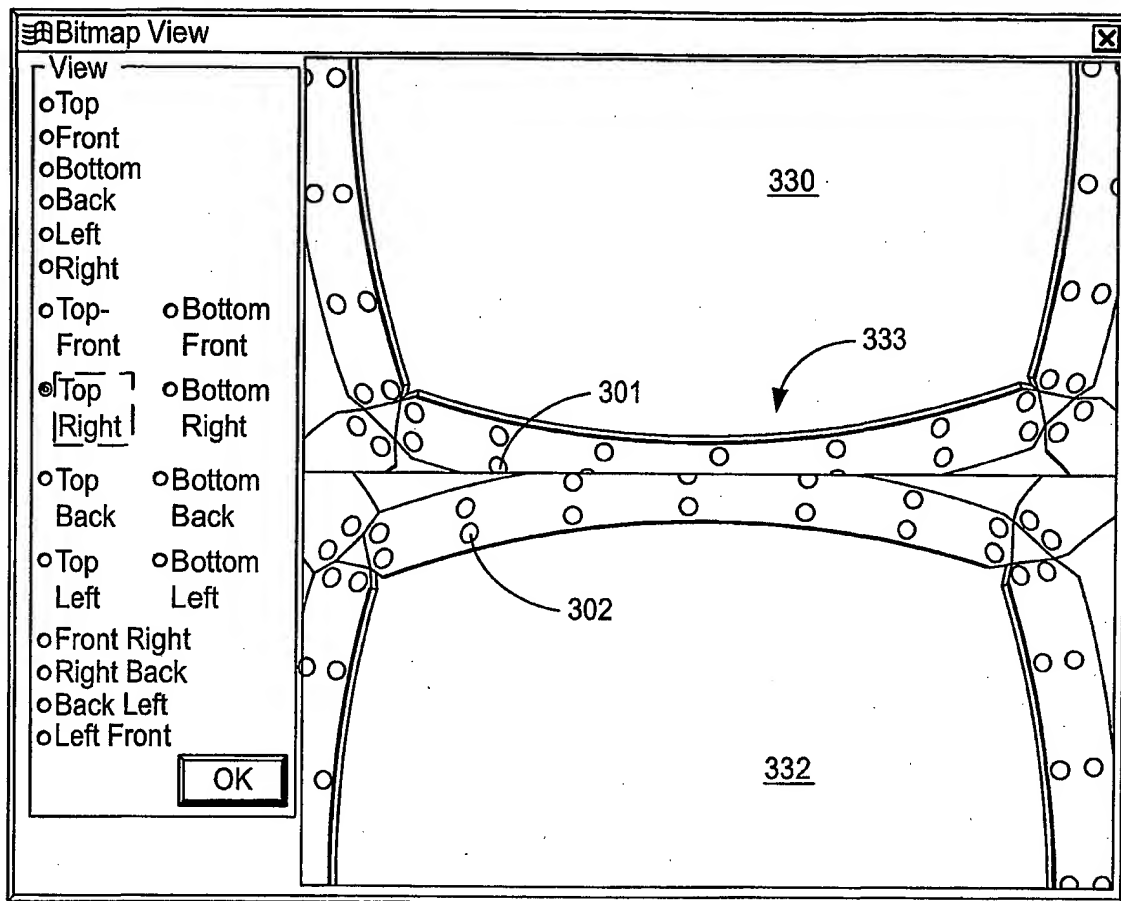


FIG. 3B



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**Sphere Version 2.01**  
File Options Test Show Error List Alignment Bitmaps

**Edit Edge Points** **Optimize** **Reset** **Close**

Camera	FOV	Heading	Pitch	Bank
Top	95.00	180.00	90.00	0.00
Front	95.00	0.00	0.00	0.00
Bottom	95.00	0.00	-90.00	0.00
Back	95.00	180.00	0.00	0.00
Left	95.00	-90.00	0.00	0.00
Right	95.00	90.00	0.00	0.00

Fisheye Adjust  ☐ Use

☐ Show Edge Errors  
☒ Show Alignment Points  
☐ Use ☐ Use  
☐ Use ☐ Use  
☐ Use ☐ Use  
☐ Use ☐ Use

**Reset View**

Rotate Camera By

Heading

Pitch

Bank

FIG. 3C



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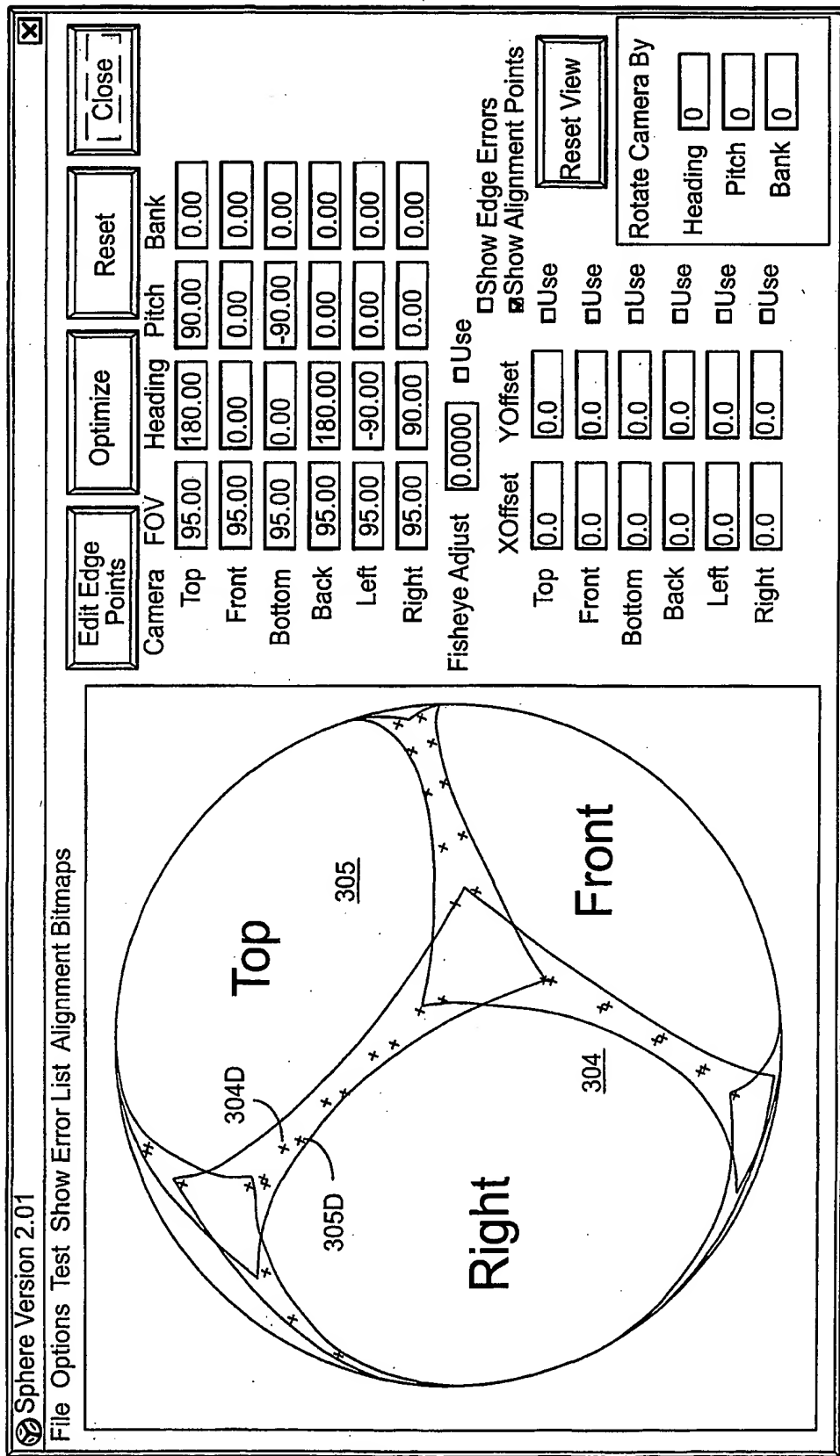


FIG. 4





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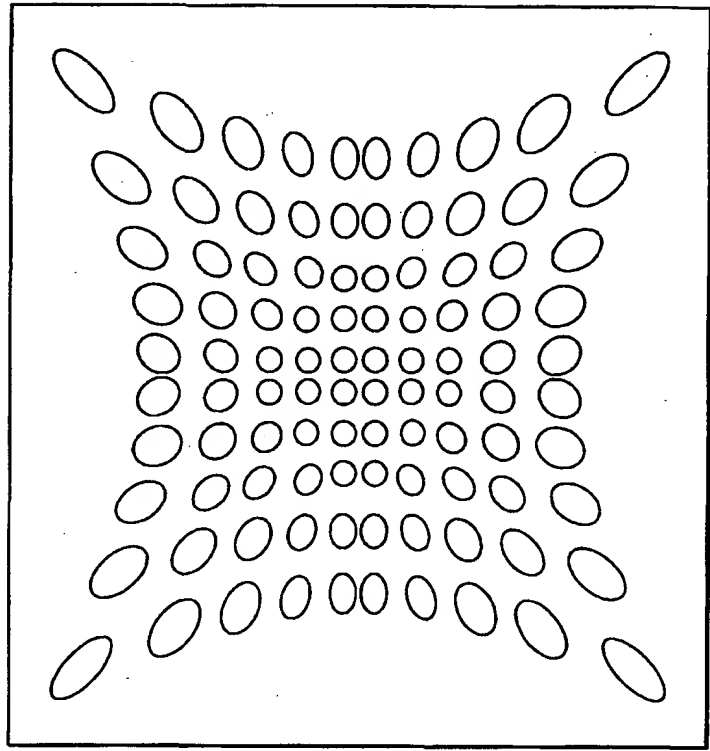
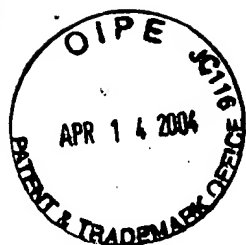


FIG. 5



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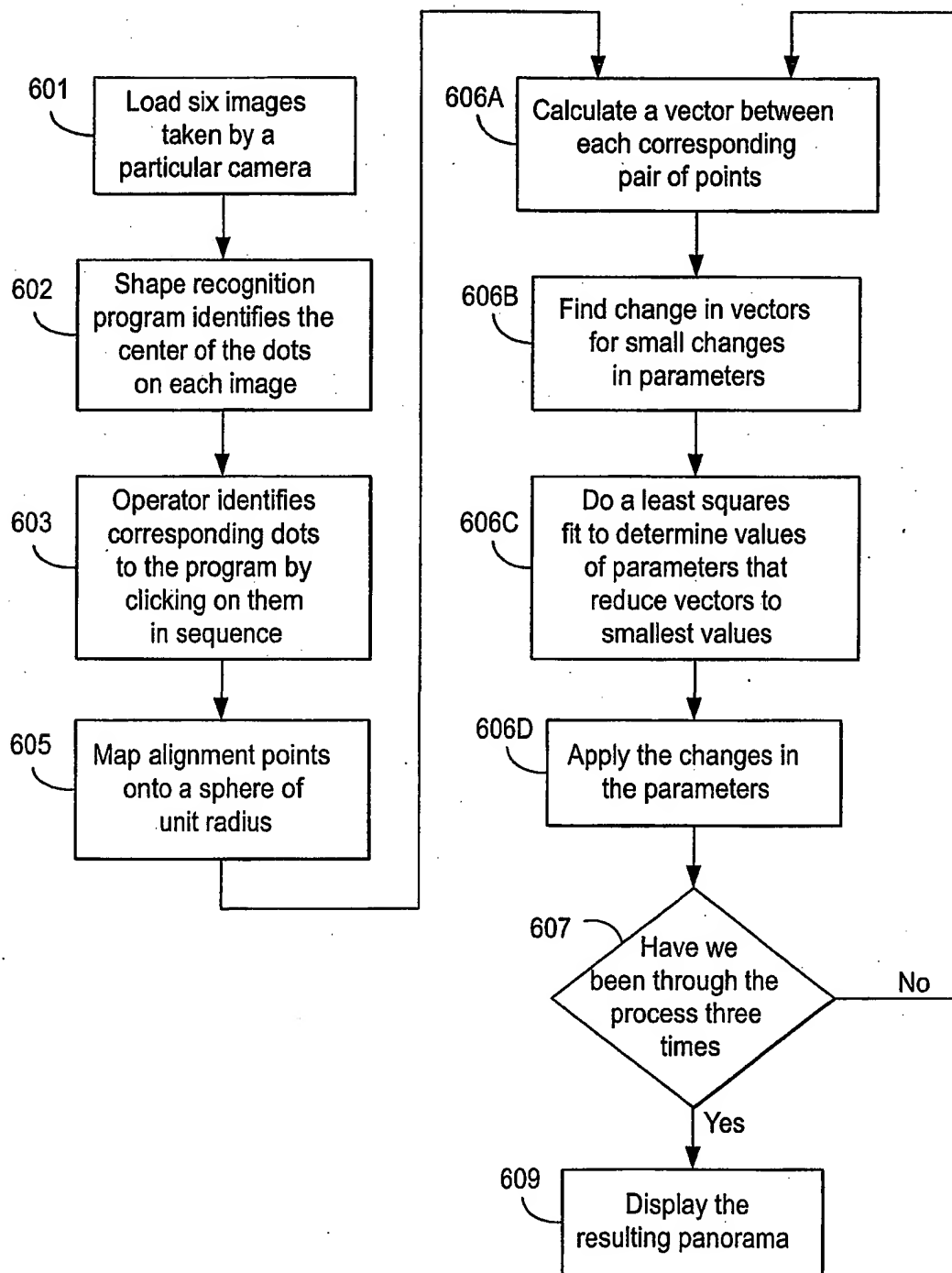


FIG. 6



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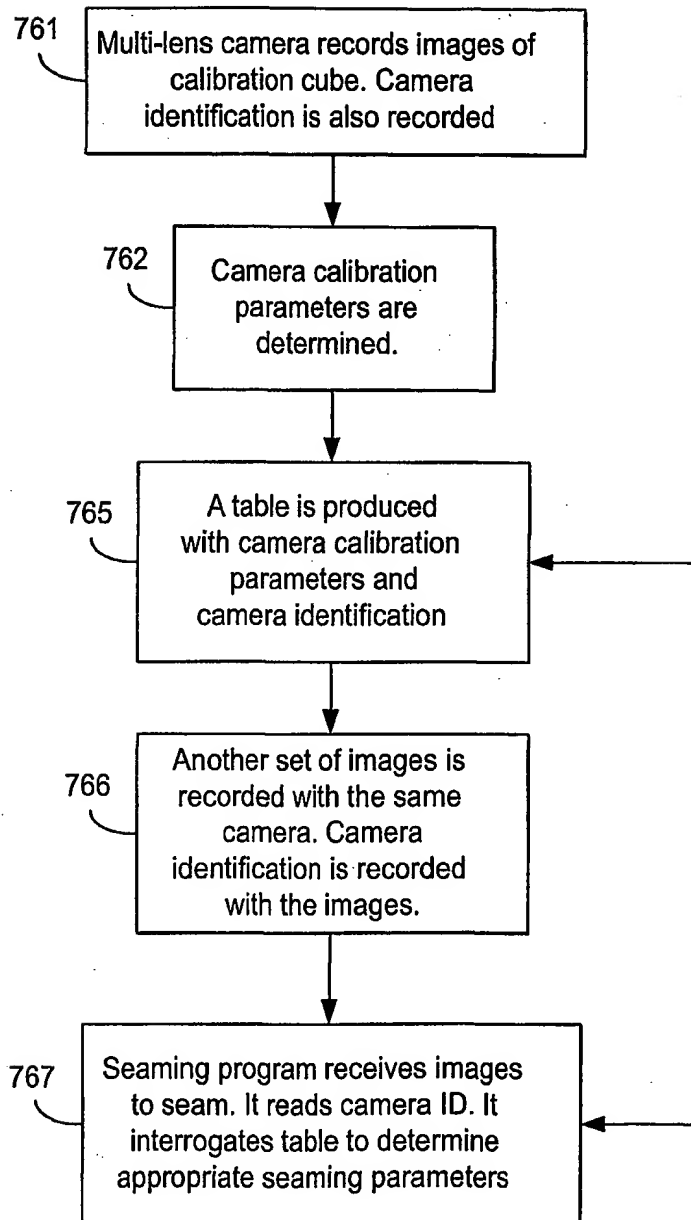


FIG. 7